

DERWENT-ACC-NO: 1998-545079

DERWENT-WEEK: 199843

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TITLE: New gel-type patch based on
prolamine(s) is carrier of
active agents - for buccal use, as well
as in
dermatology, gynaecology,
odontostomatology and cosmetics

INVENTOR: BENSLAMA, L; BOISNIC, S ;
POSTAIRE, E

PATENT-ASSIGNEE: GREDECO GRP RECH EN
DERMATOLOGIE & COSME[GREDN]

PRIORITY-DATA: 1997FR-0004654 (April 14,
1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
FR 2761890 A1	October 16, 1998	N/A
011	A61K 047/42	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR
APPL-NO	APPL-DATE
FR 2761890A1	N/A
1997FR-0004654	April 14, 1997

INT-CL (IPC): A61K007/48, A61K009/70 ,
A61K047/42

ABSTRACTED-PUB-NO: FR 2761890A

BASIC-ABSTRACT:

Carrier formulated as biodegradable patch comprises a gliadin gel based on plant prolamines extracted from cereals, particularly wheat, the patch allowing optimisation of the adhesive and viscoelastic properties of the gel and its properties being modulated by variation of the

physico-chemical parameters of extraction.

USE - The carrier is used in cosmetic or pharmaceutical compositions, particularly in transdermal compositions (systemic), as an occlusive dressing. It is used in compositions for use in odontostomatology for the treatment of tartaric gingivitis and parodontopathies, in surgery of the buccal mucous membrane, as a scar healing agent, in the treatment of white lesions of the buccal cavity, as well as dermatological conditions of the buccal mucous membrane, infections, as a support in buccal and dental hygiene and in the prevention of radiodermatitis and X-ray alteration of the mucous membrane. It can be used in dermatology and gynaecology as an anti-inflammatory, a scar healing agent, pain killer, anti-viral, antiseptic, keratolytic, or immunomodulator. The carrier is used in hydrating, anti-ageing, anti-redness and slimming compositions (all claimed).

ADVANTAGE - The carrier optimises the bioavailability of the active agents.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: NEW GEL TYPE PATCH BASED
PROLAMINE CARRY ACTIVE AGENT BUCCAL
WELL

DERMATOLOGY GYNAECOLOGICAL
COSMETIC

DERWENT-CLASS: B07 D21 D22

CPI-CODES: B04-N01; B12-M02D; B12-M02F;
B14-N05; B14-N06B; D08-B10; D09-C;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M781 M903 Q254 Q261 Q262 R041 R043
V406 V752

Chemical Indexing M6 *02*

Fragmentation Code

M903 P210 P220 P241 P330 P411 P412 P420

P431 P432

P433 P434 P447 P515 P520 P631 P923 P943

Q254 Q261

Q262 Q624 R041 R043 R111 R200 R210 R263

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

C1998-163774

DERWENT-ACC-NO: 1995-141098

DERWENT-WEEK: 199519

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TITLE: Biodegradable polymeric film -
contg. plant prolamine,
plasticiser and solvent useful as carrier
for
pharmaceuticals, nutrients and
cosmetics

INVENTOR: POSTAIRE, E

PATENT-ASSIGNEE: GERMINAL
SARL[GERMN]

PRIORITY-DATA: 1993FR-0011667 (September
30, 1993)

PATENT-FAMILY:

PUB-NO PUB-DATE

LANGUAGE PAGES MAIN-IPC
FR 2710649 A1 April 7, 1995 N/A
033 C08J 005/18

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR
APPL-NO APPL-DATE
FR 2710649A1 N/A
1993FR-0011667 September 30, 1993

INT-CL (IPC): A61K007/00, A61K047/42 ,
C08J005/18 , C08L089:00 ,
C12N001/00 , C12N005/00

ABSTRACTED-PUB-NO: FR 2710649A

BASIC-ABSTRACT:

Film is made of a hydrophobic polymer (A) comprising (a) at least one plant prolamine (I); (b) at least one plasticiser (II), at (I):(II) ratio 2:1-0.5 and (c) 5-30% at least one solvent (mono-ol, diol and/or water). (II) is a carbohydrate or ester, such as a phthalate, adipate,

sebacate, phosphate, citrate, tartrate or malate. Also new are compsns comprising such films and at least one active ingredient (III).

USE - The films can be used to carry pharmaceuticals for human or veterinary medicine; dietetic or food products or cosmetics (eg sunscreens or dipilatories); as supports for cell (eg fibroblast or ketatinocyte) cultures; as biodegradable materials, or in paints and varnishes.

ADVANTAGE - The films are malleable, elastic, non-adhesive, homogeneous and storage stable, and can carry both hydrophobic and hydrophilic cpds. Their textures makes them suitable for use in transdermal delivery systems and oral formulations (they disintegrate slowly in the mouth, so are partic useful in subjects who find swallowing difficult).

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: A11 A96 A97 B07 C07 D13
D16 D21 E19 G02

CPI-CODES: A08-P01; A08-S02; A09-A08;
A12-B01; A12-V01; A12-V03A; B04-C03C;
C04-C03C; B04-N04; C04-N04; B10-E04C;
C10-E04C; B11-A; C11-A;
B12-M02F; C12-M02F; B14-E11; C14-E11;
B14-R01; C14-R01; B14-R05;
C14-R05; B14-S12; C14-S12; D03-H01T;
D05-C; D05-H08; D08-B;
E05-G09C; E10-E04G; E10-E04K;
E10-G02F1; E10-G02G2; G02-A02A;

----- KWIC -----

Document Identifier - DID (1):
FR 2710649 A1

PUB-NO: FR002710649A1

DOCUMENT-IDENTIFIER: FR 2710649 A1

TITLE: Prolamine-based polymeric film,
process for its
preparation and its applications

PUBN-DATE: April 7, 1995

INVENTOR-INFORMATION:

NAME	COUNTRY
ERIC, POSTAIRE	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
GERMINAL SARL	FR

APPL-NO: FR09311667

APPL-DATE: September 30, 1993

PRIORITY-DATA: FR09311667A (September 30, 1993)

INT-CL (IPC): C08J005/18, A61K047/42 ,
A61K007/00 , C12N001/00 , C12N005/00

EUR-CL (EPC): A61K009/70 ; A61K007/48,
C08J005/18 , C08J005/18

ABSTRACT:

CHG DATE=19990617 STATUS=O> The film consists of a hydrophobic polymer including: (a) at least one prolamine of plant origin, (b) at least one plasticiser chosen from the group consisting of carbohydrates and esters such as phthalates, adipates, sebacates, phosphates, citrates, tartrates and malates, the prolamine: plasticiser ratio being between 2:1 and 2:0.5 and (c) 5 to 30 % of at least one solvent chosen from monools, diols and water.

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Document Identifier - DID (1):
FR 2710649 A1